



093003

Docket No. 1568/71123/JPW/FHB

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Mail Stop Patent Application  
K:

September 30, 2003

Transmitted herewith for filing are the specification and claims of the patent application of:

Young-gil Lee

for

Inventor(s)

SPIRAL HEAT EXCHANGE DEVICE

Title of Invention

Also enclosed are:

☒ 7 sheet(s) of ☐ informal ☒ formal drawings.

☒ Oath or declaration of Applicant(s). (signed)

☒ A power of attorney (signed)

☒ An assignment of the invention to WiniaMando Inc.

☐ A Preliminary Amendment

☐ A verified statement to establish small entity status under 37 C.F.R. §1.9 and §1.27.

The filing fee is calculated as follows:

CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT

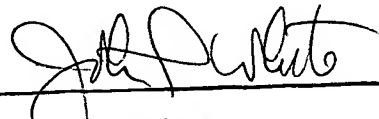
	NUMBER FILED		NUMBER EXTRA*		RATE		FEE	
					SMALL ENTITY	OTHER ENTITY	SMALL ENTITY	OTHER ENTITY
Total Claims	10 -20	-	0	X	\$9.00	\$18.00	- \$	\$ 0.00
Independent Claims	4 -3	-	1	X		\$84.00	- \$	\$84.00
Multiple Dependent Claims Presented:							- \$	\$ 0.00
					BASIC FEE			\$750.00
					TOTAL FEE		\$	\$834.00

\*If the different in Col. 1 is less than zero, enter "0" in Col. 2

Letter of Transmittal  
Page 2

- ☒ A check in the amount of \$ 834.00 to cover the filing fee.
- ☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the following or credit any over-payment to Account No. 03-1125:
- ☒ Filing fees under 37 C.F.R. §1.16.
- ☒ Patent application processing fees under 37 C.F.R. §1.17.
- ☐ The issue fee set in 37 C.F.R. §1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. §1.311(b).
- ☒ Three copies of this sheet are enclosed.
- ☒ A certified copy of previously filed foreign application No. 2002-61829 filed in Korea on October 10, 2003. Applicant(s) hereby claim priority based upon this aforementioned foreign application under 35 U.S.C. §119.
- ☒ Other (identify) Loose duplicate set of drawings, Information Disclosure Statement, and Express Mail Certificate of Mailing bearing label no. EV 305 641 432 US, dated September 30, 2003

Respectfully submitted,



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Young-gil Lee  
Serial No.: Not Yet Known  
Filed : Herewith  
For : SPIRAL HEAT EXCHANGE DEVICE

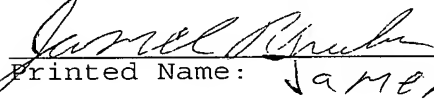
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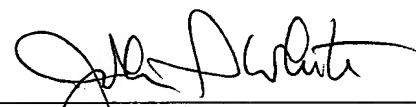
Sir:

**EXPRESS MAIL  
CERTIFICATE OF MAILING  
FOR THE ABOVE-IDENTIFIED APPLICATION**

"Express Mail" mailing label number: EV 305 641 432 US  
Date of Deposit: September 30, 2003  
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Mail Stop Patent Application.

  
Printed Name: James R. White

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